

STIC Biotechnology Systems Branch

RAW SEQUENCE LISTING ERROR REPORT

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number: 10/529,441
Source: PCT/10
Date Processed by STIC: 4/5/05

THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.

PLEASE FORWARD THIS INFORMATION TO THE APPLICANT BY EITHER:

- 1) INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANT, WITH A NOTICE TO COMPLY or,
- 2) TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A NOTICE TO COMPLY

FOR CRF SUBMISSION AND PATENTIN SOFTWARE QUESTIONS, PLEASE CONTACT MARK SPENCER, TELEPHONE: 571-272-2510; FAX: 571-273-0221

TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE CHECKER VERSION 4.2.2 PROGRAM, ACCESSIBLE THROUGH THE U.S. PATENT AND TRADEMARK OFFICE WEBSITE. SEE BELOW FOR ADDRESS:

<http://www.uspto.gov/web/offices/pac/checker/chkrnote.htm>

Applicants submitting genetic sequence information electronically on diskette or CD-Rom should be aware that there is a possibility that the disk/CD-Rom may have been affected by treatment given to all incoming mail. Please consider using alternate methods of submission for the disk/CD-Rom or replacement disk/CD-Rom. Any reply including a sequence listing in electronic form should NOT be sent to the 20231 zip code address for the United States Patent and Trademark Office, and instead should be sent via the following to the indicated addresses:

1. EFS-Bio (<<http://www.uspto.gov/ebc/efs/downloads/documents.htm>> , EFS Submission User Manual - ePAVE)
2. U.S. Postal Service: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450
3. Hand Carry, Federal Express, United Parcel Service, or other delivery service (EFFECTIVE 01/14/05):
U.S. Patent and Trademark Office, Mail Stop Sequence, Customer Window, Randolph Building, 401 Dulany Street, Alexandria, VA 22314

Revised 01/24/05

Raw Sequence Listing Error Summary

ERROR DETECTED

SUGGESTED CORRECTION

SERIAL NUMBER:

10/529,441

ATTN: NEW RULES CASES: PLEASE DISREGARD ENGLISH "ALPHA" HEADERS, WHICH WERE INSERTED BY PTO SOFTWARE

- 1** _____ **Wrapped Nucleics
Wrapped Aminos** The number/text at the end of each line "wrapped" down to the next line. This may occur if your file was retrieved in a word processor after creating it. Please adjust your right margin to .3; this will prevent "wrapping."
- 2** _____ **Invalid Line Length** The rules require that a line not exceed 72 characters in length. This includes white spaces.
- 3** _____ **Misaligned Amino
Numbering** The numbering under each 5th amino acid is misaligned. Do not use tab codes between numbers; use space characters, instead.
- 4** _____ **Non-ASCII** The submitted file was not saved in ASCII(DOS) text, as required by the Sequence Rules. Please ensure your subsequent submission is saved in ASCII text.
- 5** _____ **Variable Length** Sequence(s) _____ contain n's or Xaa's representing more than one residue. Per Sequence Rules, each n or Xaa can only represent a single residue. Please present the maximum number of each residue having variable length and indicate in the <220>-<223> section that some may be missing.
- 6** _____ **PatentIn 2.0
"bug"** A "bug" in PatentIn version 2.0 has caused the <220>-<223> section to be missing from amino acid sequences(s) _____. Normally, PatentIn would automatically generate this section from the previously coded nucleic acid sequence. Please manually copy the relevant <220>-<223> section to the subsequent amino acid sequence. This applies to the mandatory <220>-<223> sections for Artificial or Unknown sequences.
- 7** _____ **Skipped Sequences
(OLD RULES)** Sequence(s) _____ missing. If intentional, please insert the following lines for each skipped sequence:
(2) INFORMATION FOR SEQ ID NO:X: (insert SEQ ID NO where "X" is shown)
(i) SEQUENCE CHARACTERISTICS: (Do not insert any subheadings under this heading)
(xi) SEQUENCE DESCRIPTION:SEQ ID NO:X: (insert SEQ ID NO where "X" is shown)
This sequence is intentionally skipped
- Please also adjust the "(ii) NUMBER OF SEQUENCES:" response to include the skipped sequences.
- 8** _____ **Skipped Sequences
(NEW RULES)** Sequence(s) _____ missing. If intentional, please insert the following lines for each skipped sequence.
<210> sequence id number
<400> sequence id number
000
- 9** _____ **Use of n's or Xaa's
(NEW RULES)** Use of n's and/or Xaa's have been detected in the Sequence Listing.
Per 1.823 of Sequence Rules, use of <220>-<223> is MANDATORY if n's or Xaa's are present.
In <220> to <223> section, please explain location of n or Xaa, and which residue n or Xaa represents.
- 10** _____ **Invalid <213>
Response** Per 1.823 of Sequence Rules, the only valid <213> responses are: Unknown, Artificial Sequence, or scientific name (Genus/species). <220>-<223> section is required when <213> response is Unknown or is Artificial Sequence
- 11** _____ **Use of <220>** Sequence(s) _____ missing the <220> "Feature" and associated numeric identifiers and responses.
Use of <220> to <223> is MANDATORY if <213> "Organism" response is "Artificial Sequence" or "Unknown." Please explain source of genetic material in <220> to <223> section.
(See "Federal Register," 06/01/1998, Vol. 63, No. 104, pp. 29631-32) (Sec. 1.823 of Sequence Rules)
- 12** _____ **PatentIn 2.0
"bug"** Please do not use "Copy to Disk" function of PatentIn version 2.0. This causes a corrupted file, resulting in missing mandatory numeric identifiers and responses (as indicated on raw sequence listing). Instead, please use "File Manager" or any other manual means to copy file to floppy disk.
- 13** _____ **Misuse of n/Xaa** "n" can only represent a single nucleotide; "Xaa" can only represent a single amino acid



PCT

RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/529,441

DATE: 04/05/2005

TIME: 13:32:48

Input Set : A:\24741-1539.txt

Output Set: N:\CRF4\04052005\J529441.raw

3 <110> APPLICANT: Kerstin WESTRITSCHNIG
 4 Margarete FOCKE
 5 Anna TWARDOSZ
 6 Peter VALENT
 7 Petra VERDINO
 8 Walter KELLER
 9 Dietrich KRAFT
 10 Rudolf VALENTA
 12 <120> TITLE OF INVENTION: Hypoallergenic Allergy Vaccines Based on the Timothy Grass
 13 Pollen Allergen PHL p 7
 15 <130> FILE REFERENCE: 24741-1539
 C--> 17 <140> CURRENT APPLICATION NUMBER: US/10/529,441
 C--> 18 <141> CURRENT FILING DATE: 2005-03-25
 20 <150> PRIOR APPLICATION NUMBER: PCT/EP03/010701
 W--> 21 <151> PRIOR FILING DATE: September 25, 2003 2003-09-25
 23 <150> PRIOR APPLICATION NUMBER: EP 02021837.6
 W--> 24 <151> PRIOR FILING DATE: September 27, 2002 2002-09-27
 26 <160> NUMBER OF SEQ ID NOS: 11
 28 <170> SOFTWARE: PatentIn version 3.1
 30 <210> SEQ ID NO: 1
 32 <211> LENGTH: 78
 34 <212> TYPE: PRT
 36 <213> ORGANISM: Phleum pratense
 38 <400> SEQUENCE: 1
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 41 1 5 10 15
 44 Asp Gly Lys Ile Ser Leu Ser Glu Leu Thr Asp Ala Leu Arg Thr Leu
 45 20 25 30
 48 Gly Ser Thr Ser Ala Asp Glu Val Gln Arg Met Met Ala Glu Ile Asp
 49 35 40 45
 52 Thr Asp Gly Asp Gly Phe Ile Asp Phe Asn Glu Phe Ile Ser Phe Cys
 53 50 55 60
 56 Asn Ala Asn Pro Gly Leu Met Lys Asp Val Ala Lys Val Phe
 57 65 70 75
 61 <210> SEQ ID NO: 2
 63 <211> LENGTH: 36
 65 <212> TYPE: PRT
 67 <213> ORGANISM: Artificial Sequence
 69 <220> FEATURE:
 71 <223> OTHER INFORMATION: peptide 1
 73 <400> SEQUENCE: 2
 75 Ala Asp Asp Met Glu Arg Ile Phe Lys Arg Phe Asp Thr Asn Gly Asp
 76 1 5 10 15

use this format for dates

**Does Not Comply
Corrected Diskette Needed**

pp 1-3

insufficient response - give source of genetic material

*(see item 11 on
Erra Summary
Sheet)*

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Output Set: N:\CRF4\04052005\J529441.raw

79 Gly Lys Ile Ser Leu Ser Glu Leu Thr Asp Ala Leu Arg Thr Leu Gly
 80 20 25 30
 83 Ser Thr Ser Ala
 84 35
 88 <210> SEQ ID NO: 3
 90 <211> LENGTH: 43
 92 <212> TYPE: PRT
 94 <213> ORGANISM: Artificial Sequence
 96 <220> FEATURE:
 98 <223> OTHER INFORMATION: peptide 2 *same*
 100 <400> SEQUENCE: 3
 102 Ser Ala Asp Glu Val Gln Arg Met Met Ala Glu Ile Asp Thr Asp Gly
 103 1 5 10 15
 106 Asp Gly Phe Ile Asp Phe Asn Glu Phe Ile Ser Phe Cys Asn Ala Asn
 107 20 25 30
 110 Pro Gly Leu Met Lys Asp Val Ala Lys Val Phe
 111 35 40
 115 <210> SEQ ID NO: 4
 117 <211> LENGTH: 78
 119 <212> TYPE: PRT
 121 <213> ORGANISM: Artificial Sequence
 123 <220> FEATURE:
 125 <223> OTHER INFORMATION: mutant 1.6 *same*
 127 <400> SEQUENCE: 4
 129 Met Ala Asp Asp Met Glu Arg Ile Phe Lys Arg Phe Asp Thr Asn Gly
 130 1 5 10 15
 133 Asp Gly Lys Ile Ser Leu Ser Ala Leu Thr Asp Ala Leu Arg Thr Leu
 134 20 25 30
 137 Gly Ser Thr Ser Ala Asp Glu Val Gln Arg Met Met Ala Glu Ile Asp
 138 35 40 45
 141 Thr Asp Gly Asp Gly Phe Ile Asp Phe Asn Ala Phe Ile Ser Phe Cys
 142 50 55 60
 145 Asn Ala Asn Pro Gly Leu Met Lys Asp Val Ala Lys Val Phe
 146 65 70 75
 150 <210> SEQ ID NO: 5
 152 <211> LENGTH: 78
 154 <212> TYPE: PRT
 156 <213> ORGANISM: Artificial Sequence
 158 <220> FEATURE:
 160 <223> OTHER INFORMATION: mutant 2A
 162 <400> SEQUENCE: 5
 164 Met Ala Asp Asp Met Glu Arg Ile Phe Lys Arg Phe Asp Thr Asn Gly
 165 1 5 10 15
 168 Ala Gly Lys Ile Ser Leu Ser Ala Leu Thr Asp Ala Leu Arg Thr Leu
 169 20 25 30
 172 Gly Ser Thr Ser Ala Asp Glu Val Gln Arg Met Met Ala Glu Ile Asp
 173 35 40 45
 176 Thr Asp Gly Asp Gly Phe Ile Asp Phe Asn Ala Phe Ile Ser Phe Cys
 177 50 55 60

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TIME: 13:32:48

Input Set : A:\24741-1539.txt

Output Set: N:\CRF4\04052005\J529441.raw

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181 65                      70                      75
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189 <212> TYPE: PRT
191 <213> ORGANISM: Artificial Sequence
193 <220> FEATURE:
195 <223> OTHER INFORMATION: mutant 4
197 <400> SEQUENCE: 6
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200 1                      5                      10                      15
203 Ala Gly Lys Ile Ser Leu Ser Ala Leu Thr Asp Ala Leu Arg Thr Leu
204                      20                      25                      30
207 Gly Ser Thr Ser Ala Asp Glu Val Gln Arg Met Met Ala Glu Ile Asp
208                      35                      40                      45
211 Thr Asp Gly Ala Gly Phe Ile Asp Phe Asn Ala Phe Ile Ser Phe Cys
212 50                      55                      60
215 Asn Ala Asn Pro Gly Leu Met Lys Asp Val Ala Lys Val Phe
216 65                      70                      75
220 <210> SEQ ID NO: 7
222 <211> LENGTH: 85
224 <212> TYPE: PRT
226 <213> ORGANISM: Alnus glutinosa
228 <400> SEQUENCE: 7
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231 1                      5                      10                      15
234 Lys Cys Phe Asp Ala Asn Gly Asp Gly Lys Ile Ser Ala Ser Glu Leu
235                      20                      25                      30
238 Gly Asp Ala Leu Lys Thr Leu Gly Ser Val Thr Pro Asp Glu Val Lys
239                      35                      40                      45
242 His Met Met Ala Glu Ile Asp Thr Asp Gly Asp Gly Phe Ile Ser Phe
243 50                      55                      60
246 Gln Glu Phe Thr Asn Phe Ala Arg Ala Asn Arg Gly Leu Val Lys Asp
247 65                      70                      75                      80
250 Val Ala Lys Ile Phe
251                      85
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257 <211> LENGTH: 80
259 <212> TYPE: PRT
261 <213> ORGANISM: Cynodon dactylon
263 <400> SEQUENCE: 8
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266 1                      5                      10                      15
269 Asn Gly Asp Gly Lys Ile Ser Leu Ala Glu Leu Thr Asp Ala Leu Arg
270                      20                      25                      30
273 Thr Leu Gly Ser Thr Ser Ala Asp Glu Val Gln Arg Met Met Ala Glu
274                      35                      40                      45
277 Ile Asp Thr Asp Gly Asp Gly Phe Ile Asp Phe Asp Glu Phe Ile Ser
278 50                      55                      60

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Input Set : A:\24741-1539.txt

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282 65                               70                               75                               80
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288 <211> LENGTH: 84
290 <212> TYPE: PRT
292 <213> ORGANISM: Olea europaea
294 <400> SEQUENCE: 9
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297 1                               5                               10                               15
300 Arg Phe Asp Ala Asn Gly Asp Gly Lys Ile Ser Ser Ser Glu Leu Gly
301                               20                               25                               30
304 Glu Thr Leu Lys Thr Leu Gly Ser Val Thr Pro Glu Glu Ile Gln Arg
305                               35                               40                               45
308 Met Met Ala Glu Ile Asp Thr Asp Gly Asp Gly Phe Ile Ser Phe Glu
309                               50                               55                               60
312 Glu Phe Thr Val Phe Ala Arg Ala Asn Arg Gly Leu Val Lys Asp Val
313 65                               70                               75                               80
316 Ala Lys Ile Phe
321 <210> SEQ ID NO: 10
323 <211> LENGTH: 85
325 <212> TYPE: PRT
327 <213> ORGANISM: Betula pendula
329 <400> SEQUENCE: 10
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332 1                               5                               10                               15
335 Lys Arg Phe Asp Ala Asn Gly Asp Gly Lys Ile Ser Ala Ala Glu Leu
336                               20                               25                               30
339 Gly Glu Ala Leu Lys Thr Leu Gly Ser Ile Thr Pro Asp Glu Val Lys
340                               35                               40                               45
343 His Met Met Ala Glu Ile Asp Thr Asp Gly Asp Gly Phe Ile Ser Phe
344                               50                               55                               60
347 Gln Glu Phe Thr Asp Phe Gly Arg Ala Asn Arg Gly Leu Leu Lys Asp
348 65                               70                               75                               80
351 Val Ala Lys Ile Phe
352                               85
356 <210> SEQ ID NO: 11
358 <211> LENGTH: 79
360 <212> TYPE: PRT
362 <213> ORGANISM: Brassica rapa
364 <400> SEQUENCE: 11
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367 1                               5                               10                               15
370 Gly Asp Gly Lys Ile Ser Ala Ala Glu Leu Glu Glu Ala Leu Lys Lys
371                               20                               25                               30
374 Leu Gly Ser Val Thr Pro Asp Asp Val Thr Arg Met Met Ala Lys Ile
375                               35                               40                               45
378 Asp Thr Asp Gly Asp Gly Asn Ile Ser Phe Gln Glu Phe Thr Glu Phe
379                               50                               55                               60
382 Ala Ser Ala Asn Pro Gly Leu Met Lys Asp Val Ala Lys Val Phe

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RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/529,441

DATE: 04/05/2005

TIME: 13:32:48

Input Set : A:\24741-1539.txt

Output Set: N:\CRF4\04052005\J529441.raw

383 65

70

75

VERIFICATION SUMMARY

PATENT APPLICATION: US/10/529,441

DATE: 04/05/2005

TIME: 13:32:49

Input Set : A:\24741-1539.txt

Output Set: N:\CRF4\04052005\J529441.raw

L:17 M:270 C: Current Application Number differs, Replaced Current Application Number
L:18 M:271 C: Current Filing Date differs, Replaced Current Filing Date
L:21 M:256 W: Invalid Numeric Header Field, Wrong Prior FILING DATE:YYYY-MM-DD
L:24 M:256 W: Invalid Numeric Header Field, Wrong Prior FILING DATE:YYYY-MM-DD